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Positions

2006 - Assistant Professor of Psychiatry & Clinical Psychologist
Department of Psychiatry
University of Illinois at Chicago

Education

2006 Postdoctoral Research Associate/Clinical Neuropsychology Fellow
University of Illinois at Chicago

2004 Ph.D., Clinical Psychology
Rosalind Franklin University of Medicine and Science¹
Dissertation: Neuropsychological indices of attention associated with spatial-temporal subcomponents of the P50 auditory evoked potential in schizophrenia

2000 M.S., Clinical Psychology
Rosalind Franklin University of Medicine and Science
Thesis: Differential effects of yohimbine on P13 and N40 components of the rat auditory evoked potential: Implications for an animal model of sensory gating deficits in schizophrenia

1996 B.S. with Honors, Psychology
Oklahoma State University
Senior Honors Thesis: Scripted and schematic knowledge for emotional childhood events: The difference between experiencing and imagining

Licensure

2006 Licensed Clinical Psychologist (#071.007175), Illinois

Fellowships, Honors & Awards

2006 NIH Clinical Research Loan Repayment Program Recipient

Rosalind Franklin University of Medicine and Science:

2001 Scottish Rite Schizophrenia Research Pre-doctoral Fellowship

2000 Scottish Rite Schizophrenia Research Pre-doctoral Fellowship

1999 Scottish Rite Schizophrenia Research Pre-doctoral Fellowship

¹ Formerly Finch University of Health Sciences/The Chicago Medical School

1998	Department of Psychology Fellowship
Oklahoma State University:	
1996	Phi Kappa Phi
1995	Department of Psychology Honors Award
1995	Fourjay Foundation Scholarship
1995	Psi Chi
1995	Golden Key National Honor Society
1994	Phi Eta Sigma Freshman Honor Society
1994	Outstanding Psychology Undergraduate
1994	Dean of the College of Arts & Sciences Sophomore Scholarship
1993-6	Oklahoma State Regents for Higher Education Distinguished Academic Scholarship

Publications

Papers

Goldman MB, Torres IJ, **Keedy SK**, Marlow-O'Connor M, Beenken B, Gnerlich J, Hussain N (in press). Reduced anterior hippocampal formation volume in hyponatremic schizophrenic patients. *Hippocampus*.

Sweeney JA, Luna B, **Keedy SK**, McDowell JE, Clementz BA (in press). fMRI studies of eye movement control. *NeuroImage*.

Keedy SK, Marlow-O'Connor M, Beenken B, Dorflinger J, Abel M, Erwin R (2007). Noradrenergic antagonism of the P13 and N40 components of the rat auditory evoked potential. *Psychopharmacology* 190(1), 117-125.

Keedy SK, Ebens CL, Keshavan MS, Sweeney JA (2006). Functional magnetic resonance imaging studies of eye movements in first-episode schizophrenia: Smooth pursuit, visually guided saccades, and the oculomotor delayed response task. *Psychiatry Research: Neuroimaging* 146, 199-211.

Book Chapters

Sweeney JA, Harris MSH, Hill SK, **Keedy SK**, Reilly JL (2006). Cognitive Deficits in Schizophrenia. In Thaker G, Carpenter T (Eds.). *The Year in Schizophrenia, V1*. Clinical Publishing: Oxford.

Presentations and Published Abstracts

Keedy SK, Harris MSH, Reilly J, Marvin R, Rosen C, Khine T, Sweeney JA (2007). Changes in the Oculomotor System After Antipsychotic Treatment in First-Episode Schizophrenia: an fMRI Study. *Schizophrenia Bulletin* 33(2),373.

Torres, IJ, **Keedy SK**, Marlow-O'Connor M, Beenken B, Goldman MB (2007). Anterior hippocampal volume reduction is associated with cognitive impairment in schizophrenic patients with water imbalance. *Schizophrenia Bulletin* 33(2), 357.

All SD, Hartzell AM, **Keedy SK**, Beenken B, Gur RE, Erwin RJ (2007). Differential relationship of P50 subcomponent abnormalities with clinical symptoms in deficit and non-deficit patients with schizophrenia. *Schizophrenia Bulletin* 33(2), 399.

Keedy SK, Marvin R, Rosen C, Harris MS, Sweeney JA (2006). FMRI studies of saccadic eye movement control before and after treatment in first episode schizophrenia. Oral presentation. Society for Neuroscience annual meeting, Atlanta, GA.

Sweeney JA, **Keedy SK**, Gao Y, Moratti S, McDowell JE, Clementz BA (2006). Combined fMRI/EEG analysis of top-down control of sensory input and neural investment in peripheral target locations during antisaccade performance. Oral presentation. Society for Neuroscience annual meeting, Atlanta, GA.

Keedy SK, Ebens CL, Keshavan MS, Sweeney JA (2006). FMRI studies of eye movements in first-episode schizophrenia: Smooth pursuit, visually guided saccades, and the oculomotor delayed response task. *Biological Psychiatry* 59, 264S.

All SD, **Keedy S**, Beenken B, Hartzell A, Gur RE, Gur RC, Erwin RJ (2006). The relation of P50 subcomponent response deficits to negative, disorganized, and deficit symptoms in schizophrenia. *Biological Psychiatry* 59, 229S.

Erwin RJ, Rao S, Dorflinger J, Marlow-O'Connor M, **Keedy SK**, Pendergrass JC, Risinger R, All S, Hartzell A (2006). fMRI indices of hippocampal activation associated with sensory gating deficits in schizophrenia. *Biological Psychiatry* 59, 235S.

Keedy S, Beenken B, Marlow-O'Connor M, All SD, Moberg P, Gur RC, Erwin RJ (2005). P50 subcomponent abnormalities in schizophrenia: Neuropsychological correlates. *Schizophrenia Bulletin* 31(2), 456.

Marlow-O'Connor M, Torres I, **Keedy S**, Beenken B, Gibbons R, Goldman M (2005). Reduced anterior hippocampal formation volume in patients with schizophrenia and water imbalance. *Schizophrenia Bulletin* 31(2), 398.

All, SD, **Keedy S**, Beenken B, Hartzell A, Gur RE, Erwin RJ (2005). P50 subcomponent abnormalities in schizophrenia: Phenomenological correlates. *Schizophrenia Bulletin* 31(2), 449.

Sweeney J, Reilly J, Harris M, Marvin R, **Keedy S**, Keshavan M (2004). Disturbances of attentional control in schizophrenia. *Neuropsychopharmacology*, 29(S1), S42.

Keedy S, Marlow-O'Connor M, Torres I, Goldman M (2004). Smaller left amygdala volume predicts greater rating abnormality for fearful and surprised facial expressions among individuals with schizophrenia. *Journal of the International Neuropsychological Society*, 10(S1), 149.

Llanes S, Torres I, Roeske J, Mundt A, **Keedy S**, Zakowski S (2004). Temporal lobe radiation and memory in adult brain tumor patients. *Journal of the International Neuropsychological Society*, 10(S1), 185.

Keedy S, Erwin R, Hermann B, Seidenberg M (2003). Components of attention and MRI correlates in healthy and TLE patients. *Journal of the International Neuropsychological Society*, 9(2), 279.

Erwin R, Beenken B, **Keedy S**, Marlow M, Polk S, Turetsky B, Gur RE (2003). Effects of anxiety on P50 subcomponents of the auditory evoked potential in normal controls and patients with schizophrenia. *Biological Psychiatry* 53(8 Suppl), 27S.

Keedy S, Torres I, Marlow-O'Connor M, Goldman M (2003). Amygdala structure and associated neuropsychological function in schizophrenia. *Schizophrenia Research*, 60(Supp), 456.

Erwin R, Beenken B, **Keedy S**, Marlow M, Polk S, Turetsky B, Gur R (2003). Differential effects of medication status on P50 subcomponent abnormalities in schizophrenia. *Schizophrenia Research*, 60(Supp), 250.

Marlow-O'Connor M, Beenken B, **Keedy S**, Jones R, Erwin R (2002). Differential effects of methoxy-idazoxan on P13 and N40 components of the rat auditory evoked potential: implications for an animal model of sensory gating deficits in schizophrenia. Poster presented at the Society for Neurosciences Annual Meeting, Orlando, FL.

Torres I, Shah J, Levin D, **Keedy S**, Goldman M (2001). A reliable method for determining amygdala volume through structural MRI. *Schizophrenia Research*, 36(1-3), 168.

Erwin R, Rao SM, Vongher J, Bellgowan P, **Keedy S**, Imig J, Mayer A (2001). ROI analysis of fMRI activation associated with the P50 component of the auditory evoked potential. *Schizophrenia Research*, 49(Suppl.), 176.

Keedy S, Marlow M, Beenken B, Vongher J, Byrnes K, Erwin R (2000). Effects of yohimbine on the P13 and N40 components of the auditory evoked potential in the rat model. Poster presented at the Society for Neuroscience Annual Meeting, New Orleans, LA.

Laatsch L, Sandlow L, Klamen D, **Keedy S**, Choca J (2000). Problem solving skills using the Adaptive Category Test in graduate students. Poster presented at the American Psychological Association 108th Annual Meeting, Washington, DC.

Erwin RJ, Imig JC, **Keedy S**, Rao SM (2000). Effects of a simulated scanner environment on the auditory evoked P50 potential. *Biological Psychiatry*, 47(8 Suppl), S101

Keedy S, Laatsch LL (1999). Use of Matrix Reasoning (WAIS – III) in a diverse, clinical sample. *The Clinical Neuropsychologist*, 13(2), 223.

Erwin RJ, Rao SM, **Keedy S**, Imig JC, Mayer AR (1999). FMRI activation associated with the P50 component of the auditory evoked potential. Poster presented at the American College of Neuropsychopharmacology Annual Meeting, Acapulco, Mexico.

Keedy S, Devitt MK (1996). Juror reactions to repressed and nonrepressed memory cases. Paper presented at the Oklahoma Psychological Association and Oklahoma Psychological Society 14th Annual Spring Conference, Oklahoma City, OK.

Keedy S, Devitt MK (1996). Schematic knowledge for emotional events: Paper presented at the Oklahoma Psychological Association 50th Annual Convention, Oklahoma City, OK. **Third place winner in overall research competition.*

Keedy S, Tiedt AM, Devitt MK, Gaither GA (1997). Volunteer bias in human sexuality research. Paper presented at the 43rd Annual Meeting of the Southwestern Psychological Association, Ft. Worth, TX.

Tiedt AM, **Keedy S**, Devitt MK, Gaither GA (1997). Religious affiliation and self-reports of lifetime sexual activities. Paper presented at the 43rd Annual Meeting of the Southwestern Psychological Association, Ft. Worth, TX.

Research Positions

- 2004 – 2006 Postdoctoral Research Associate
University of Illinois at Chicago, Department of Psychiatry
Projects:
- Oculomotor & Spatial Cognition Deficits in Schizophrenia (NIH R01)
 - fMRI Studies of Eye Movement Control
 - Olanzapine Augmented with Atomoxetine in the Treatment of Schizophrenia: A Double-Blind Placebo Controlled Proof of Concept Study of Effects on Cognitive Function (Pharmaceutical Industry Grant)
- Supervisor: John A. Sweeney, Ph.D.
- 2000 – 2003 Research Coordinator
University of Chicago, Department of Psychiatry
Project: Mechanisms of Abnormal Water Excretion in Schizophrenia (NIH R01)
Supervisors: Ivan Torres, Ph.D., Morris Goldman, M.D.
- 2002 – 2004 Neuroimaging Analyst
Rosalind Franklin University of Medicine and Science, Department of Psychology
Project: Neural Mechanisms of Abnormal Suppression of the P50 Auditory Evoked Potential in Schizophrenia (NARSAD)
Supervisors: Michael Seidenberg, Ph.D., Roland Erwin, Ph.D.

Clinical Training

- 2004 – Clinical Neuropsychology Postdoctoral Fellow
University of Illinois at Chicago
Department of Psychiatry, Neuropsychology Division
Supervisor: Neil Pliskin, Ph.D., ABPP (Clinical Neuropsychology)
- 2003 – 2004 Clinical Neuropsychology Internship
Jesse Brown Veterans Administration Medical Center²
Mental Health and Psychology Services
Primary Supervisors: Linda Wetzel, Ph.D., ABPP (Clinical Neuropsychology); John Mundt, Ph.D.; Joseph Yount, Ph.D.
- 2001 – 2003 Clinical Neuropsychology Practicum
Clinical Neuropsychology Technician
University of Chicago, Department of Psychiatry, Neuropsychology Division
Supervisors: Maureen Lacy, Ph.D., Fred Bylsma, Ph.D.
- 2000 – 2001 Mental Health Clinic Practicum
Medical College of Wisconsin, Department of Psychiatry and Behavioral Health
Supervisor: Robert Risinger, M.D.
- 1998 – 2000 Neuropsychology/Rehabilitation Psychology Clinical Practicum
University of Illinois at Chicago
Department of Neurology
Department of Rehabilitation Services & Restorative Medical Sciences
Supervisor: Linda Laatsch, Ph.D., ABPP (Rehab. Psychology)

² Formerly known as VA Chicago, West Side Division

1997 – 1998 Biofeedback Clinical Practicum
North Chicago Veterans Administration Medical Center, Psychology Service
Supervisor: Ivan Aubuchon, Ph.D.

Professional Associations

American Psychological Association and Division 40 (Neuropsychology)
Illinois Psychological Association
International Neuropsychological Society
Midwest Neuropsychology Group
Society for Neuroscience

Ad-hoc Journal Reviewer

Biological Psychiatry
European Journal of Neuroscience
Experimental Brain Research
Journal of Clinical Investigation
Journal of Neuroscience Methods
Neuroimage
Neuropsychology Review
Psychological Medicine

Teaching Experience

Rosalind Franklin University of Medicine and Science:
2001 Graduate Psychology Studies 521: Theoretical Psychopathology
Clinical Psychology graduate students
Teaching Assistant

1998 - 1999 Graduate General Clinical Studies 710: Computational Analysis
Applied Physiology graduate students
Teaching Assistant

1998 Graduate Psychology Studies 510: Psychological Statistics I
Clinical Psychology graduate students
Teaching Assistant